

MATERIAL SAFETY DATA SHEET

MSDS

Page 1 of 7
Date-Issued 09/13/1997
MSDS Ref No RPTM23216
Date-Revised 09/13/1997
Revision No New MSDS

PoolTime Chlorine Stabilizer

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME PoolTime Chlorine Stabilizer
GENERAL USE Prevents chlorine loss due to sunlight
CHEMICAL FAMILY Isocyanurate

MANUFACTURER

Recreational Water Products
Pool Time
PO Box 887
Scottsdale, GA 30079
Customer SERVICE (800) 949-7946

24 HR. EMERGENCY TELEPHONE NUMBERS

CHEMTREC (Transportation) (800) 424-9300
Rocky Mountain (Medical) (303) 623-5716

2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt %	CAS Registry #	EINECS #
Cyanuric acid	100	108-80-5	203-618-0

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

PHYSICAL APPEARANCE

White, granular material

IMMEDIATE CONCERNS

CAUTION Causes skin and eye irritation. May be harmful if swallowed. Avoid contact with eyes, skin or clothing. Wear goggles or safety glasses and rubber gloves when handling this product. May be irritating to nose and throat. Avoid breathing dust. Remove and wash contaminated clothing before reuse. Do not mix with other chemicals.

POTENTIAL HEALTH EFFECTS

EYES

CAUTION Causes eye irritation. Avoid contact with eyes.

SKIN

CAUTION Causes skin irritation. Avoid contact with skin.

INGESTION

May be harmful if swallowed.

INHALATION

May be irritating to nose and throat. Avoid breathing dust or vapors.

MATERIAL SAFETY DATA SHEET

MSDS

Page 2 of 7
Date Issued 09/13/1997
MSDS Ref No RPTM23216
Date Revised 09/13/1997
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PoolTime Chlorine Stabilizer

CHRONIC

There are no known chronic hazards

ROUTES OF ENTRY:

Skin Contact, Inhalation, Ingestion, Eye Contact

4. FIRST AID MEASURES

EYES

If contact with eyes occurs Immediately flush with cold water for at least 15 minutes Then get immediate medical attention

SKIN

If contact with skin Rinse off excess chemical and flush skin with cold water for at least 15 minutes If skin irritation develops, seek immediate medical attention

INGESTION

If swallowed Drink large quantities of water, then induce vomiting Avoid alcohol Never give anything by mouth to an unconscious person Call a physician or poison control center immediately

INHALATION

If inhaled Remove to fresh air If breathing is difficult, have trained person administer oxygen If not breathing, give artificial respiration Call a physician immediately

5. FIRE FIGHTING MEASURES

FLASHPOINT AND METHOD Not Applicable

GENERAL HAZARD

There are no unusual fire and explosion hazards known

EXTINGUISHING MEDIA

Use water, dry chemical, Halon, alcohol foam, or carbon dioxide

FIRE FIGHTING EQUIPMENT

Firefighters should wear full protective clothing and self contained breathing apparatus (SCBA) Thoroughly decontaminate fire fighting equipment including all fire fighting wearing apparel after the incident

MATERIAL SAFETY DATA SHEET

MSDS

Page 3 of 7
Date-Issued 09/13/1997
MSDS Ref No RPTM23216
Date-Revised 09/13/1997
Revision No New MSDS

PoolTime Chlorine Stabilizer

6. ACCIDENTAL RELEASE MEASURES

GENERAL PROCEDURES.

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED Utilizing appropriate protective clothing and safety equipment contain spilled material Using clean dedicated equipment, sweep and scoop all spilled material, contaminated soil, and other contaminated material and place in clean dry plastic containers for disposal Dispose of according to local, state, and federal regulations

7. HANDLING AND STORAGE

GENERAL PROCEDURES

Avoid contact with eyes, skin or clothing Avoid breathing dust

HANDLING

Mix only with water Never add water to product Always add product to large quantities of water Do not mix with other chemicals Use clean dry utensils Do not add this product to any dispensing device containing remnants of any other product Such use may cause a violent reaction leading to fire or explosion Contamination with other chemicals may start a chemical reaction generating heat, hazardous gases, fire, and explosion In case of contamination or decomposition, do not reseal container If possible, isolate container in open air or well ventilated area Flood area with large volumes of water, if necessary

STORAGE

Keep this product in original closed container when not in use Store in a cool, dry, well ventilated area away from heat or open flame Do not add any other product to container Never return unused product to container, dispose of product in accordance with local, state, or federal regulations

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES:

OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200)

		EXPOSURE LIMITS			
		OSHA PEL		ACGIH TLV	SUPPLIER OEL
		ppm	mg/m ³	ppm	mg/m ³
Cyanuric acid	TWA	N/E ⁽¹⁾		N/E	

OSHA TABLE COMMENTS

1 N/E = Not Established

ENGINEERING CONTROLS:

General room ventilation plus local exhaust should be used to minimize exposure to dust/vapors

MATERIAL SAFETY DATA SHEET

MSDS

Page 5 of 7

Date Issued 09/13/1997

MSDS Ref No. RPTM23216

Date Revised 09/13/1997

Revision No. New MSDS

PoolTime Chlorine Stabilizer

INCOMPATIBLE MATERIALS

Strong acids, strong alkalis, strong oxidizing agents, and all other swimming pool/spa chemicals in their concentrated forms

11. TOXICOLOGICAL INFORMATION

ACUTE

DERMAL LD₅₀ >7940 mg/kg of body weight in rabbits

ORAL LD₅₀ >10000 mg/kg of body weight in rats

EYE EFFECTS

This product may be irritating to eyes

SKIN EFFECTS

This product may be irritating to skin

CARCINOGENICITY

This product is not listed as a carcinogen by IARC

This product is not listed as a carcinogen by NTP

This product is not listed as a carcinogen by OSHA

MUTAGENICITY

Mutagenicity studies were negative

TERATOGENIC EFFECTS

Testing shows that this product is not teratogenic

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION

This product may be toxic to fish and aquatic organisms. Keep product from entering waterways and watersheds

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD

Do not put product, spilled product, or filled or partially filled containers into the trash or waste compactor. Contact with incompatible materials could cause a reaction or fire.

PRODUCT DISPOSAL

Disposal of unused, uncontaminated product is regulated according to local, state and federal regulations

MATERIAL SAFETY DATA SHEET

MSDS

Page 6 of 7
Date Issued 09/13/1997
MSDS Ref No RPTM23216
Date Revised 09/13/1997
Revision No New MSDS

PoolTime Chlorine Stabilizer

EMPTY CONTAINER

Do not reuse container. Rinse thoroughly before discarding in trash.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME Not Regulated

OTHER SHIPPING INFORMATION Bill of Lading Description - Compounds, Swimming Pool, Cleaning or Water Treating, Dry or Liquid (NMFC 50086)

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

313 REPORTABLE INGREDIENTS This product or its components are not listed

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

CERCLA REGULATORY This product or its components are not listed

TSCA (TOXIC SUBSTANCE CONTROL ACT)

TSCA REGULATORY This product or its components are not subject to export notification

TSCA STATUS This product or its components are listed on the TSCA Inventory

RCRA STATUS

This product, as sold, would not be considered a RCRA Hazardous Waste

OSHA HAZARD COMM RULE

Product is hazardous by definition of the Hazardous Communication Standard

FIFRA (FEDERAL INSECTICIDE FUNGICIDE, AND RODENTICIDE ACT)

This product is not a registered pesticide

CLEAN AIR ACT

40 CFR PART 68—RISK MANAGEMENT FOR CHEMICAL ACCIDENT RELEASE PREVENTION This product is subject to the Clean Air Act Section 111 Volatile Organic Compounds

16. OTHER INFORMATION

REVISION SUMMARY

New MSDS

MATERIAL SAFETY DATA SHEET

MSDS

Page 7 of 7

Date Issued 09/13/1997

MSDS Ref No RPTM23216

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NFPA CODES

HEALTH 2 FIRE 1 REACTIVITY 0

HMS CODES

HEALTH 2 FIRE 1 REACTIVITY 0 PROTECTION B

MANUFACTURER DISCLAIMER:

IMPORTANT This information is given without a warranty or guarantee. No suggestions for use are intended or shall be construed as a recommendation to infringe any existing patents or violate any Federal, State or local laws. Safe handling and use is the responsibility of the customer. Read the label before using this product. This information is true and accurate to the best of our knowledge.
